



AM SECURITY DOOR BAR



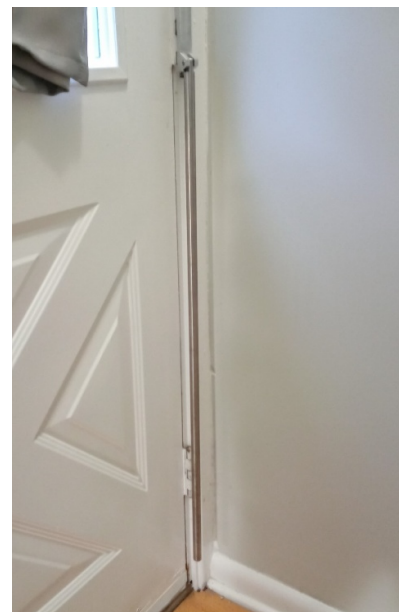
Why The AM Security Door Bar is Unique:

The **AM Security Door Bar** is a safety barrier for main doors that is a challenge to breach. It is quick and easy to implement as the hinge end is always attached. The final step to achieve the Door Secured position requires the free end to be placed into the end bracket.

**In position
Door Secured**



**Bar in rest position
Normal door function**





Components:

1 - 304 Stainless Steel bar 41.5 inches long (typically required for most 36-inch-wide doors) either 1/2" or 5/8" diameter bar.

1 - Hinge Clip (aluminum) for straddling existing door hinge

1 - 304 Stainless Steel 3/16" hinge pin

1 - End Bracket (aluminum) with a recessed slot to retain bar.

3 - #8 x 4" stainless wood screws

(800 plus pounds pull strength when properly installed)

1 - 1/4" wooden shim to space aluminum holding bracket to clear standard door trim. (Additional shims, if required, are the responsibility of the Purchaser)



1 - 1/8" extended drill bit provided for pre-drilling holes

1 – Bar Retainer package for positioning the bar in upper or lower “at rest” position

NOTE: #8 screws are typical for connections into pine

#9 and #10 screws are better suited for denser wood such as Oak.



Installation:

Remove the existing central 4-inch hinge pin on the typical home entry door.

Position the **AM SECURITY DOOR BAR** Hinge Clip to straddle the central hinge in either direction.

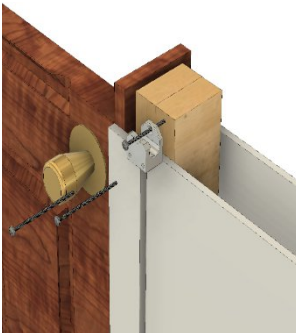
Install the new hinge pin provided.



Assess the swing positions before securing the end bracket.

The End Bracket retaining the bar has a universal profile for either mounting on the same face as the door *or* on a wall vertical to the door plane.

In both options, it is the purchaser's responsibility to ensure an adequate structure exists for mounting.



Installing End Bracket:

Hold the bar in the End Bracket position at the desired level and position beside the trim or adjacent perpendicular wall.

Mark screw hole locations.

Caution!

Be vigilant to prevent any Electrical contact!



Using the drill bit provided, drill 3½" deep in the three locations. For proper mounting, each location must hit the wall's structural framing.

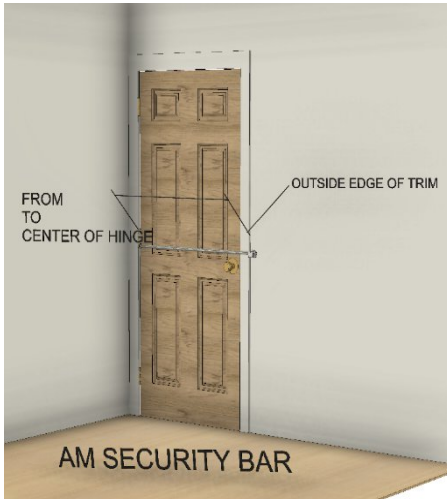
If required to clear door trim, place a shim between the wall and the End Bracket. If additional space is required for the bar to clear the trim, it is the responsibility of the purchaser to provide additional shims.



If the door trim is wide and covers the access to the dwelling structure, the trim may require notching to nest the End Bracket.

Insert and tighten screws.

Bar Length:

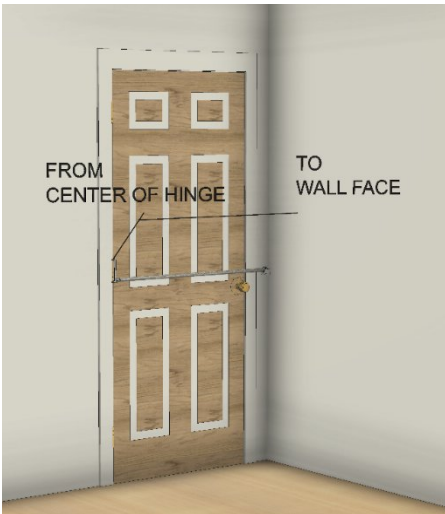


The **AM SECURITY DOOR BAR** is designed to span standard doors up to 36-inch widths.

Both installation configurations require a measurement from the door's hinge centerline to either the outside face of the trim on the opposite jam side or the far vertical wall.

Unless specified, the standard 41½ inch door bar shall be provided to be trimmed, as required.

Operation:



The at rest bar position of the **AM SECURITY DOOR BAR** hangs along the door's hinge line where it is confined enough to be out of the way from binding with the door or the door jam or wall. Alternatively, when the bar holder is used, it can be retained above the center hinge or affixed along the door or wall faces.

To use, the bar is swung across the door and dropped into the End Bracket. The clearance facilitates an easy drop in and easy removal. (Do Not Allow the Bar to swing freely).

Optional hinge mounting:



The Hinge Clip can be positioned to permit the bar to swing from the top or the bottom of the hinge to clear door hardware.



Bar Retainer Installation: (Optional Provision for Toddlers)

A retainer is provided to hold the bar above the hinge when not in use.